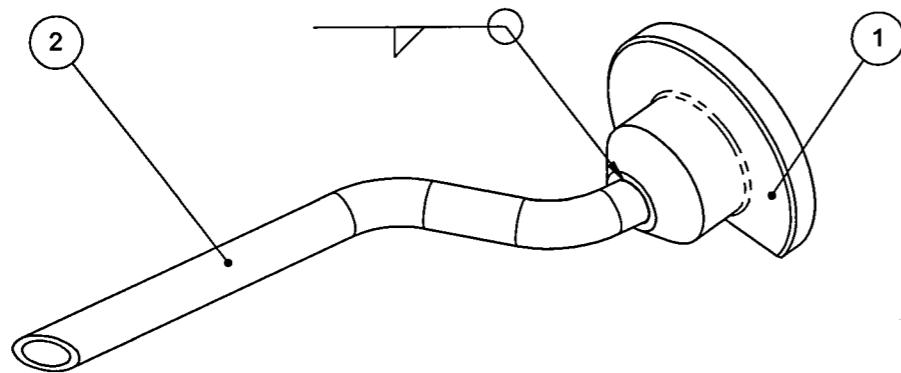
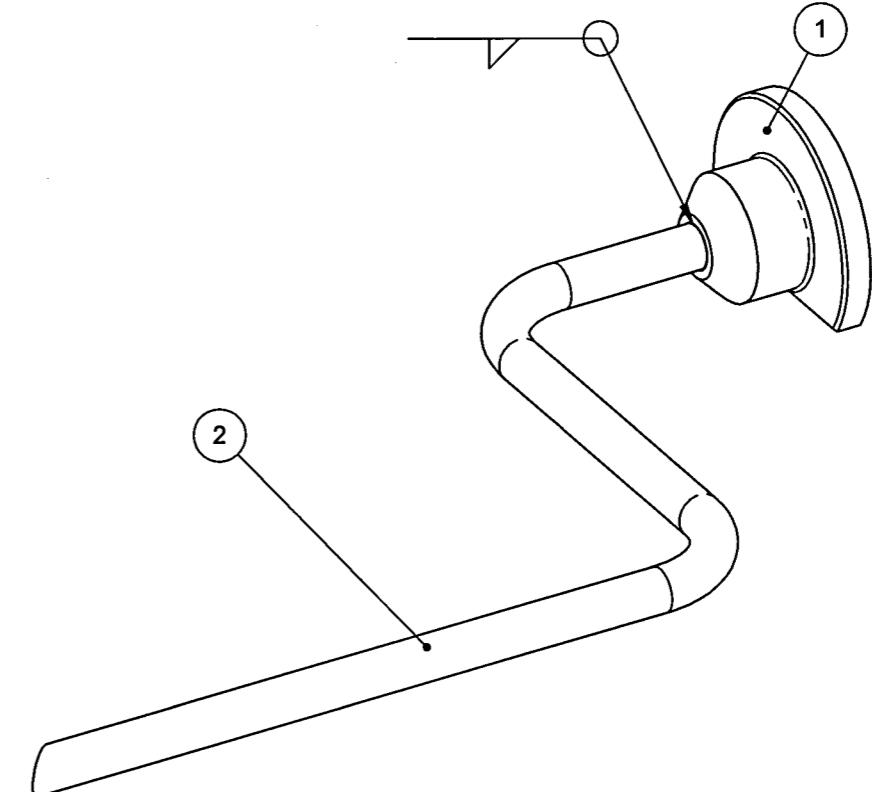


	8	7	6	5	4	3	2	1	
ITEM	QTY -041	P/N	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER	ITEM	QTY -043	P/N	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
	X	D4000-041	DRAIN FITTING ASSEMBLY, AFT	JCA-M47-1-06		X	D4000-043	DRAIN FITTING ASSEMBLY, FWD	JCA-M47-1-15
1	1	D4000-3	FUEL SUMP DRAIN FITTING		1	1	D4000-3	FUEL SUMP DRAIN FITTING	
2	1	D4003-1	INTERNAL DRAIN LINE, AFT		2	1	D4003-3	INTERNAL DRAIN LINE, FWD	



D4000-041 DRAIN FITTING ASSEMBLY, AFT



D4000-043 DRAIN FITTING ASSEMBLY, FWD

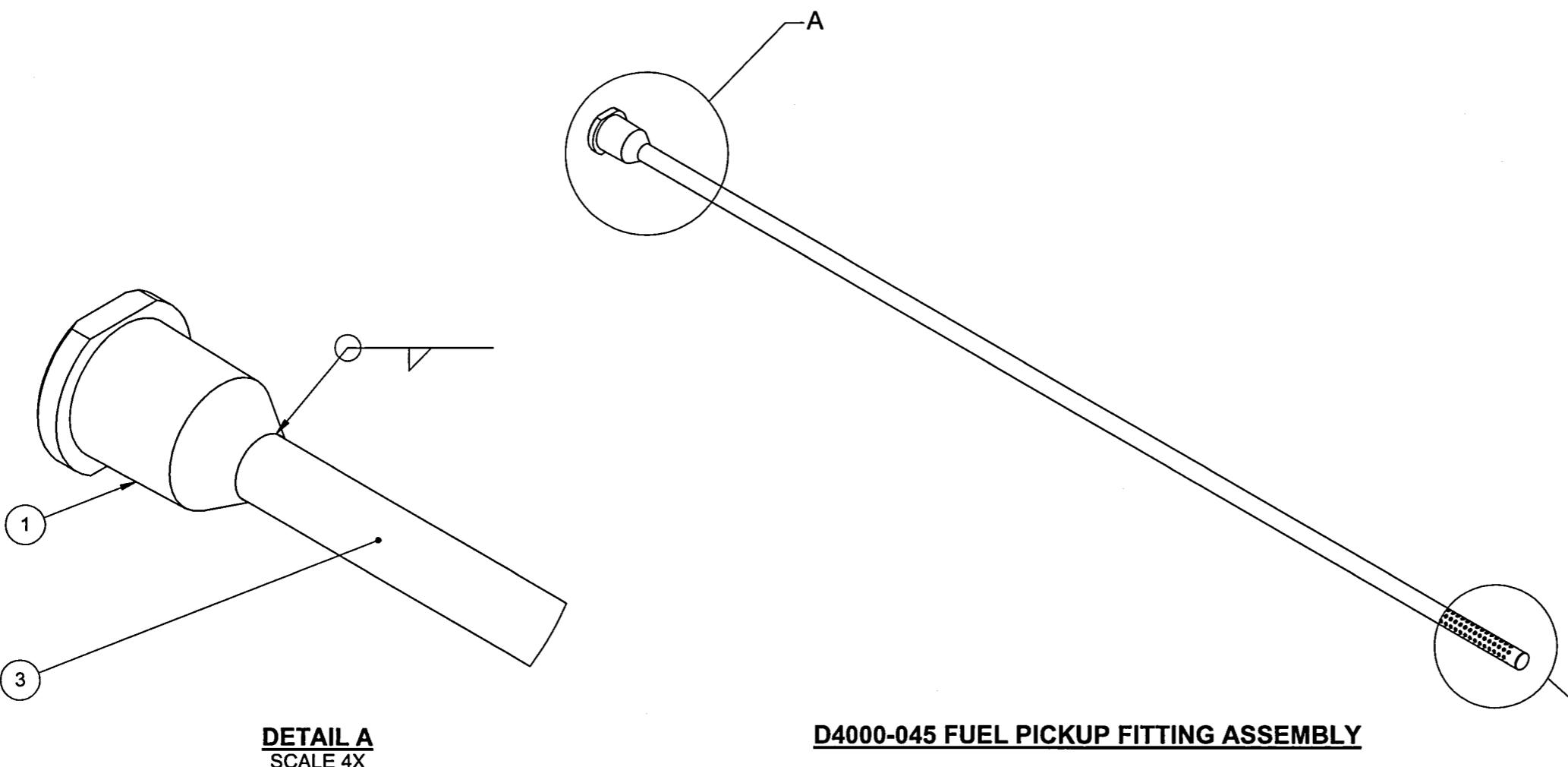
- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 METHOD 6.6
 - 7) WEIGHT: D4000-041 - 0.04 lbs
D4000-043 - 0.05 lbs
 - 8) WELD PER QSI 004

RELEASED
2017-10-06
DW17-687

APPROVED

E	Ø1.05 WAS Ø1.14 (ZN D6-6), REF CAR 17-165	WK	17.04.24
D	COMPLETE REDESIGN OF D4000-1, SEE REV. C FOR DETAILS	AP	14.11.14
C	REMOVED COUNTERSINK FROM D4000-1 (ZNC5-3) ADD CHEMICAL CONVERSION COAT TO NOTE 2, SHEET 3	ML	14.06.27
B	RE-DESIGN D4000-1 TO BE RIVETED (ZNC5-3) UPDATED BOM FORMAT ON SHEET 1 AND 2, UPDATE NOTE 6	ML	14.05.30
A	NEW ISSUE	HS	10.02.10
REV.	DESCRIPTION	BY	DATE
DESIGN	HS	DART AEROSPACE LTD	
DRAWN	WK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. E
MFG. APPR.	DD	D4000	SHEET 1 OF 8
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	FITTING	NTS
DATE	17.04.24	COPRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM	QTY -045	P/N	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
	X	D4000-045	FUEL PICK UP FITTING ASSEMBLY	JCA-M47-1-10
1	1	D4000-7	FUEL PICK UP FITTING	
2	1	D4000-11	CAP	
3	1	D4003-5	FUEL PICK UP LINE	



NOTES:
 1) MATERIAL: N/A
 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 METHOD 6.6
 7) WEIGHT: 0.26 lbs
 8) WELD PER QSI 004

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2017-10-06

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DATE 17.04.24

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CHECKED	RF	
MFG. APPR.	DD	
APPROVED	HS	
DE APPR.	DS	
DATE	17.04.24	

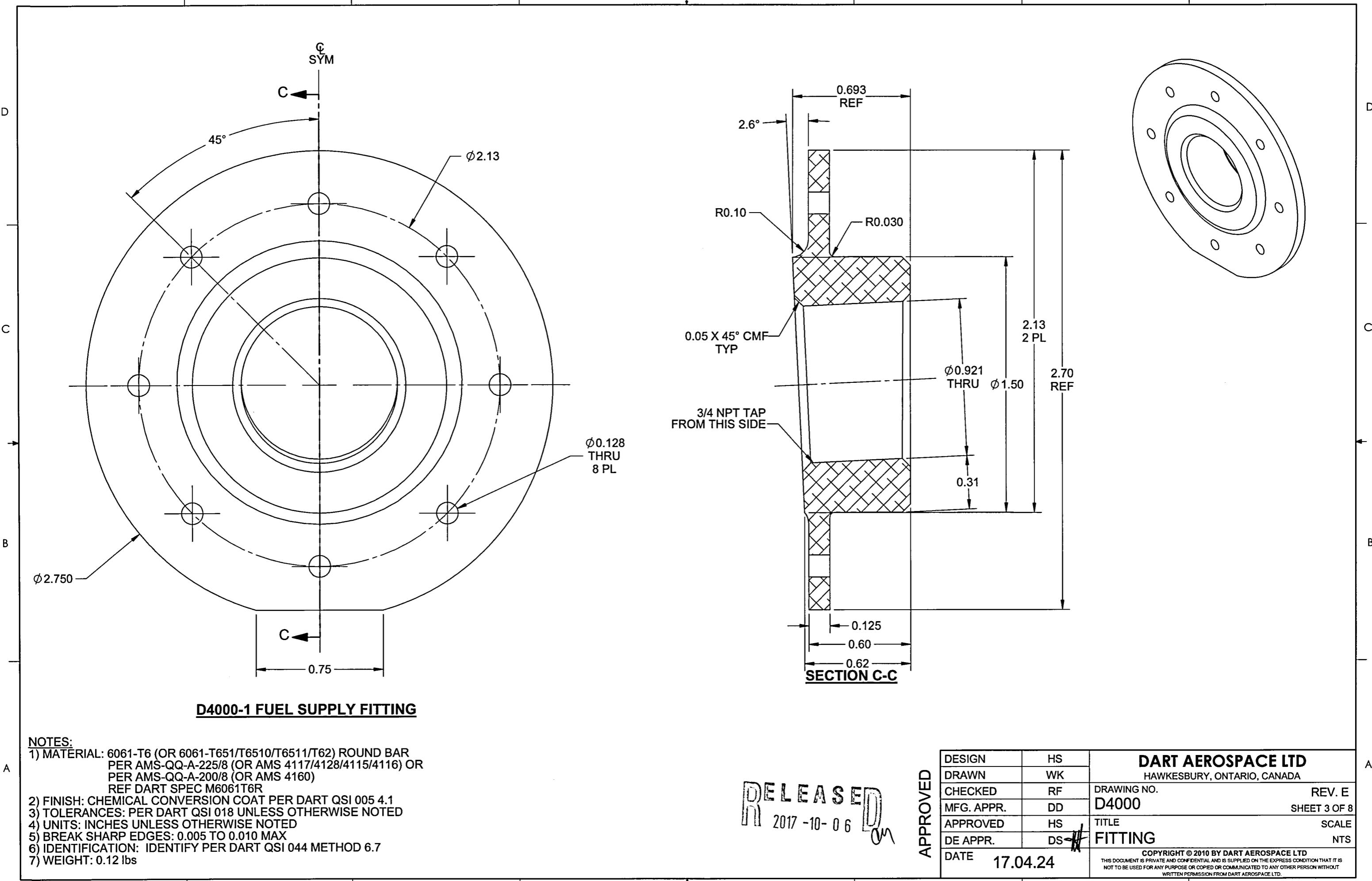
DRAWING NO.
D4000

REV. E
SHEET 2 OF 8

TITLE
FITTING

SCALE
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8 7 6 5 4 3 2 1

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4000-3	JCA-M47-1-05

D

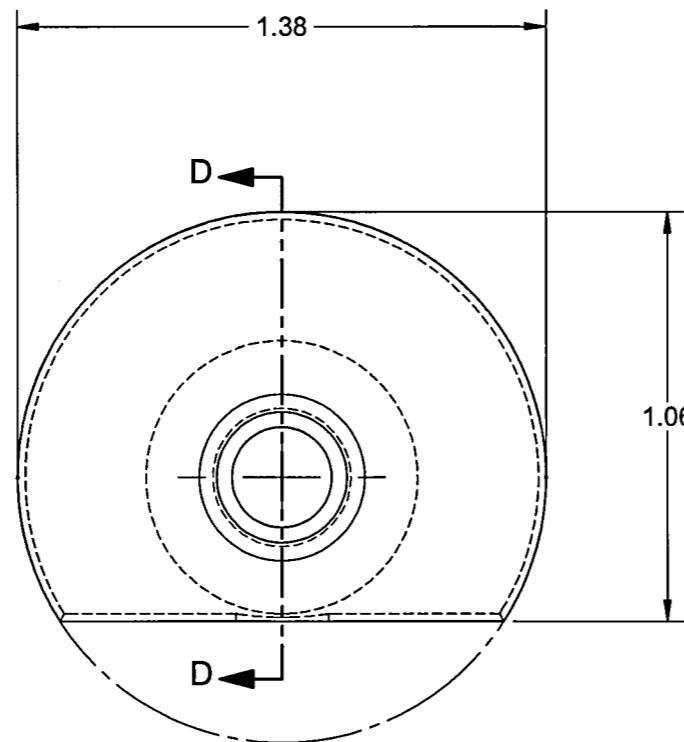
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C

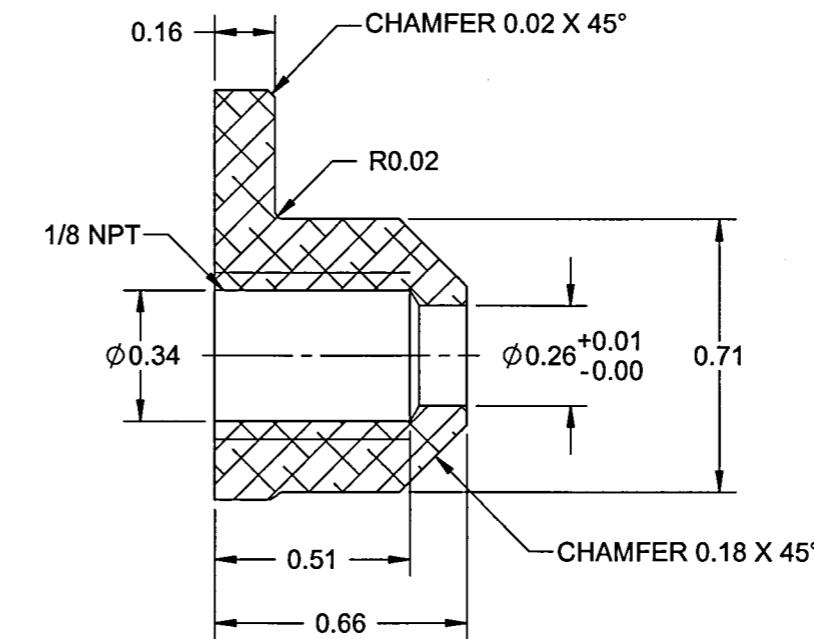
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B

B



D4000-3 FUEL SUMP DRAIN FITTING



SECTION D-D

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR
PER AMS-QQ-A-200/8 (OR AMS4160)
REF DART SPEC M6061T6R
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.03 lbs

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2017-10-06

APPROVED

DESIGN	HS
DRAWN	WK
CHECKED	RF
MFG. APPR.	DD
APPROVED	HS
DE APPR.	DS
DATE	17.04.24

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

REV. E

SHEET 4 OF 8

SCALE

NTS

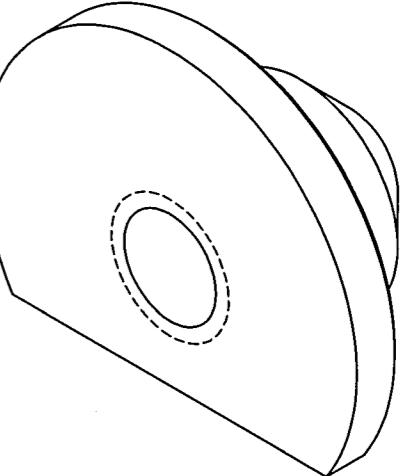
DRAWING NO.

D4000

TITLE

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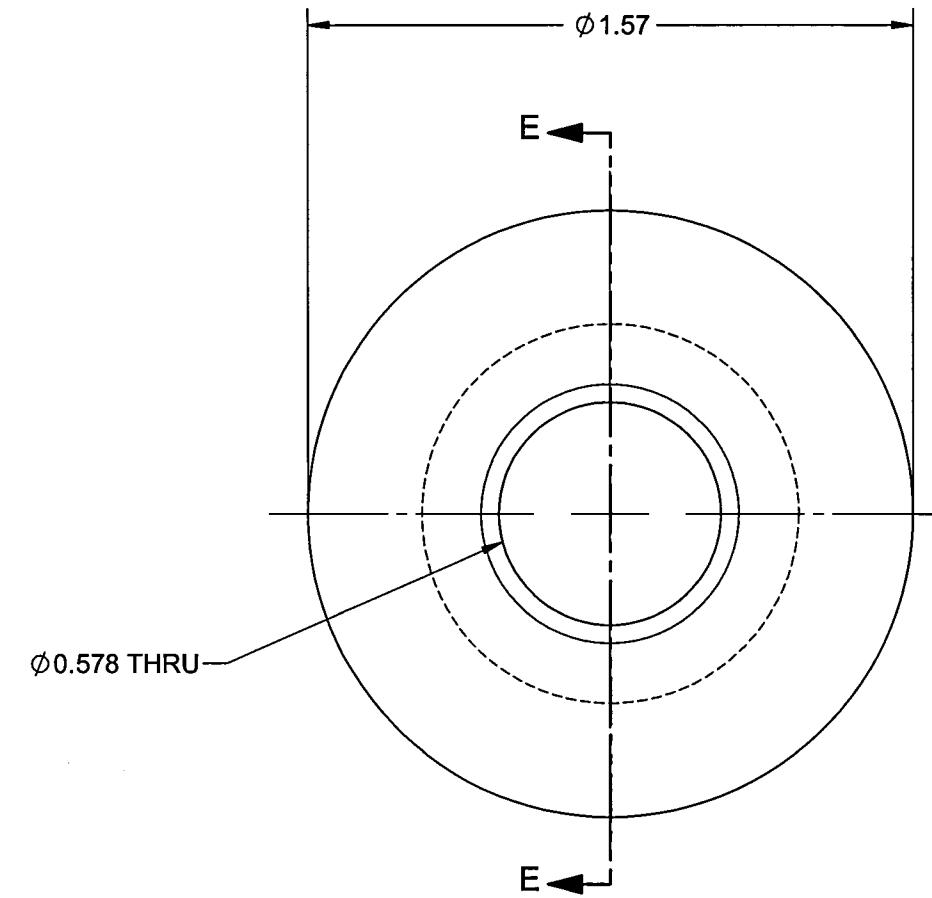


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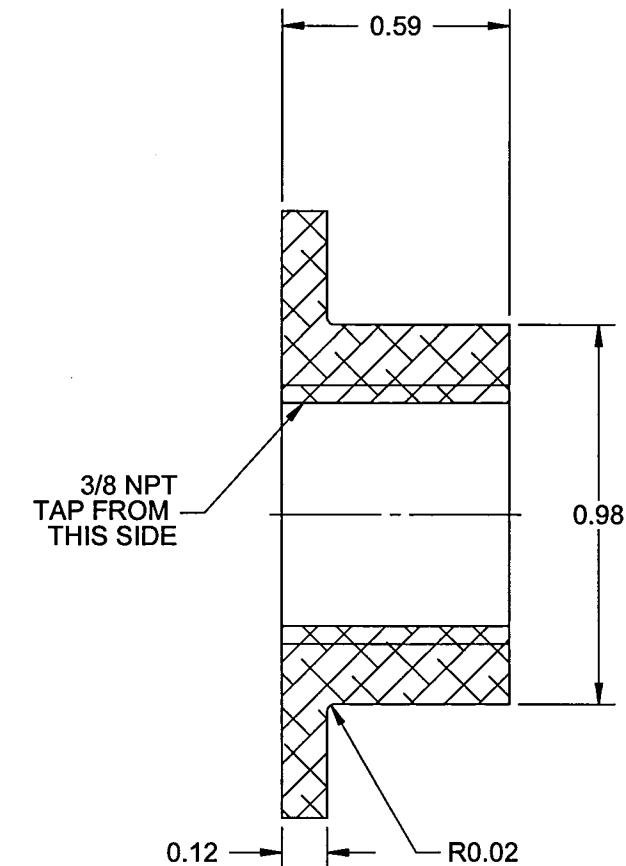
DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4000-5	JCA-M47-1-09

D

D



D4000-5 FUEL TANK VENT FITTING



SECTION E-E

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR
PER AMS-QQ-A-200/8 (OR AMS 4160)
REF DART SPEC M6061T6R
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 METHOD 6.7
- 7) WEIGHT: 0.04 lbs

RELEASED
2017-10-06

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DESIGN	HS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	WK	
CHECKED	RF	DRAWING NO.
MFG. APPR.	DD	D4000
APPROVED	HS	REV. E
DE APPR.	DS	SHEET 5 OF 8
DATE	17.04.24	SCALE NTS

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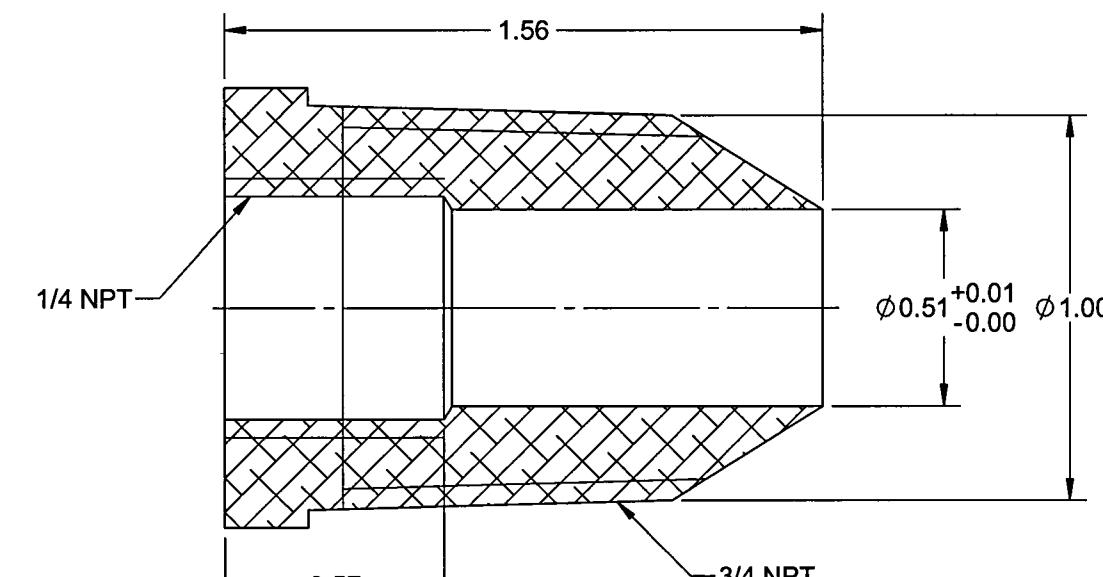
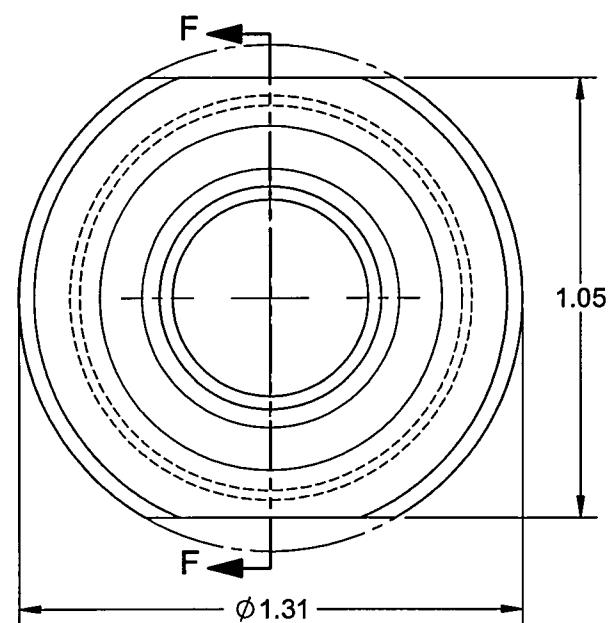
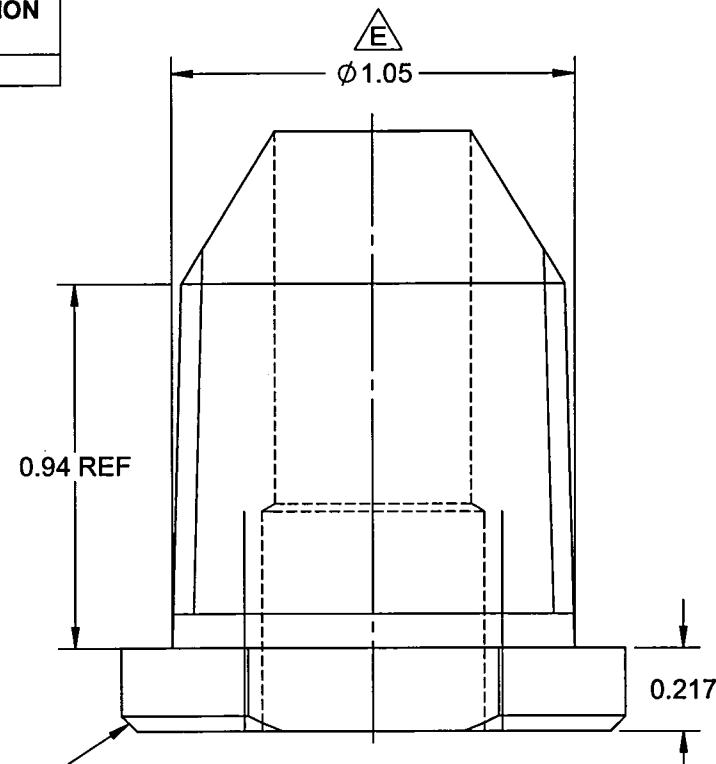
3

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8 7 6 5 4 3 2 1

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4000-7	REF JCA-M47-1-10



D4000-7 FUEL PICK UP FITTING

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR PER AMS-QQ-A-200/8 (OR AMS 4160)
REF DART SPEC M6061T6R
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.09 lbs

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2017-10-06

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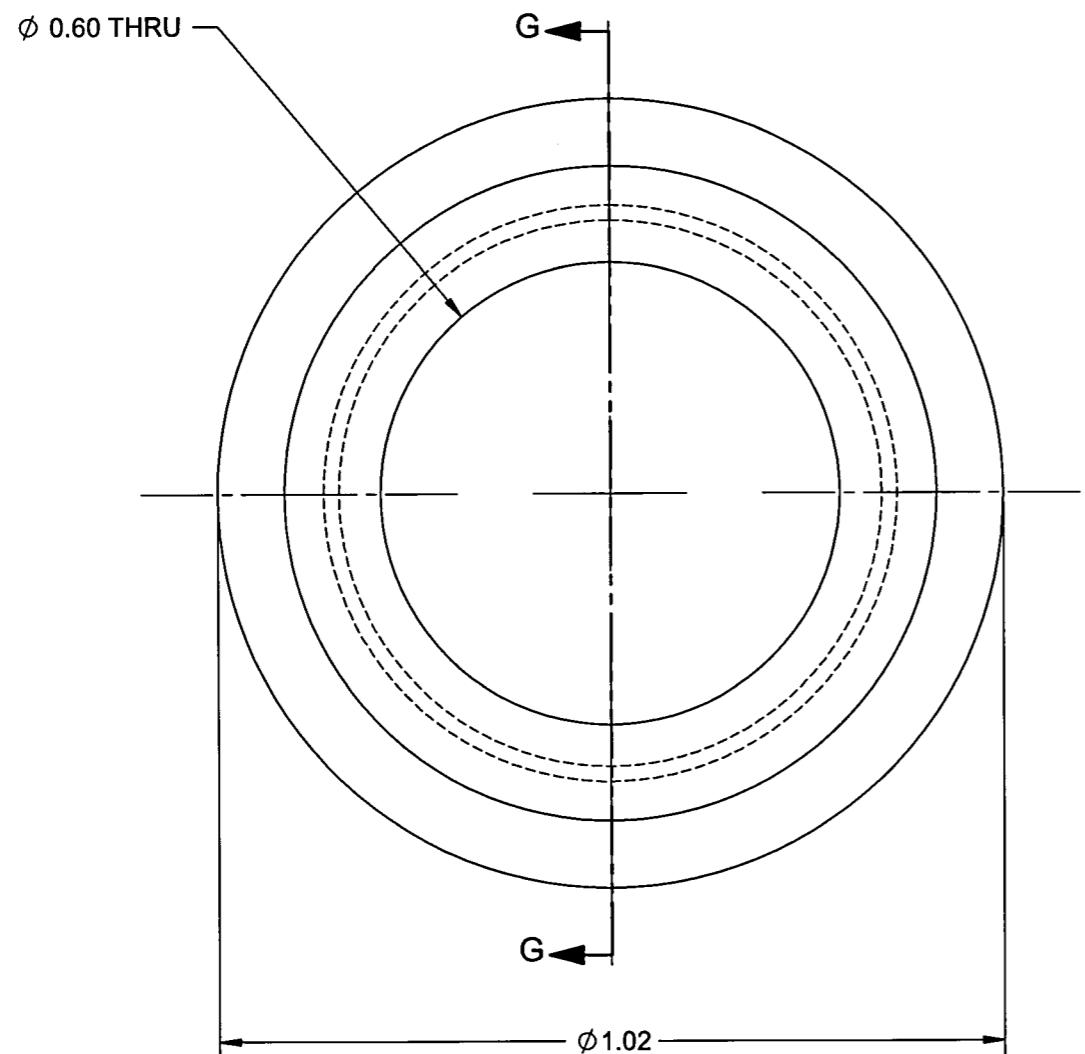
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DRAWN	WK	
CHECKED	RF	DRAWING NO.
MFG. APPR.	DD	D4000
APPROVED	HS	REV. E
DE APPR.	DS	SHEET 6 OF 8
DATE	17.04.24	SCALE NTS

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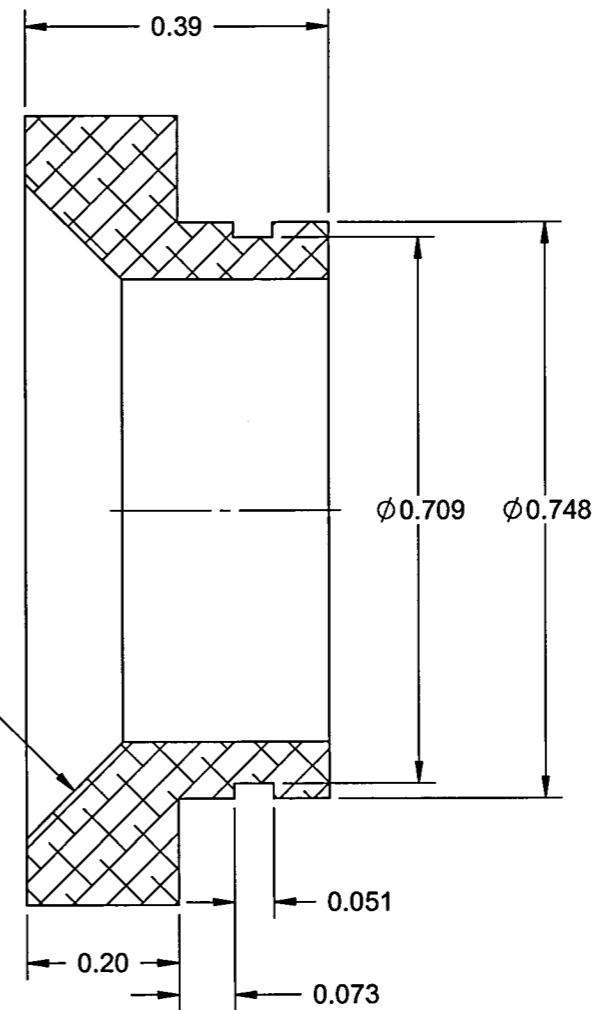
8 7 6 5 4 3 2 1

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4000-9	JCA-M47-1-11

D



D4000-9 GROMMET



SECTION G-G

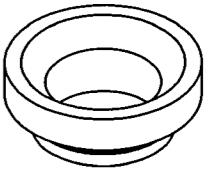
- A
- NOTES:
- 1) MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL, Ø 1.000 ROUND BAR
REF DART SPEC M-DELRIN-R1.000
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 METHOD 6.7
 - 7) WEIGHT: LESS THAN 0.01 lbs

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2017-10-06

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DESIGN	HS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	WK	
CHECKED	RF	
MFG. APPR.	DD	
APPROVED	HS	
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DATE	17.04.24	TITLE FITTING SCALE NTS

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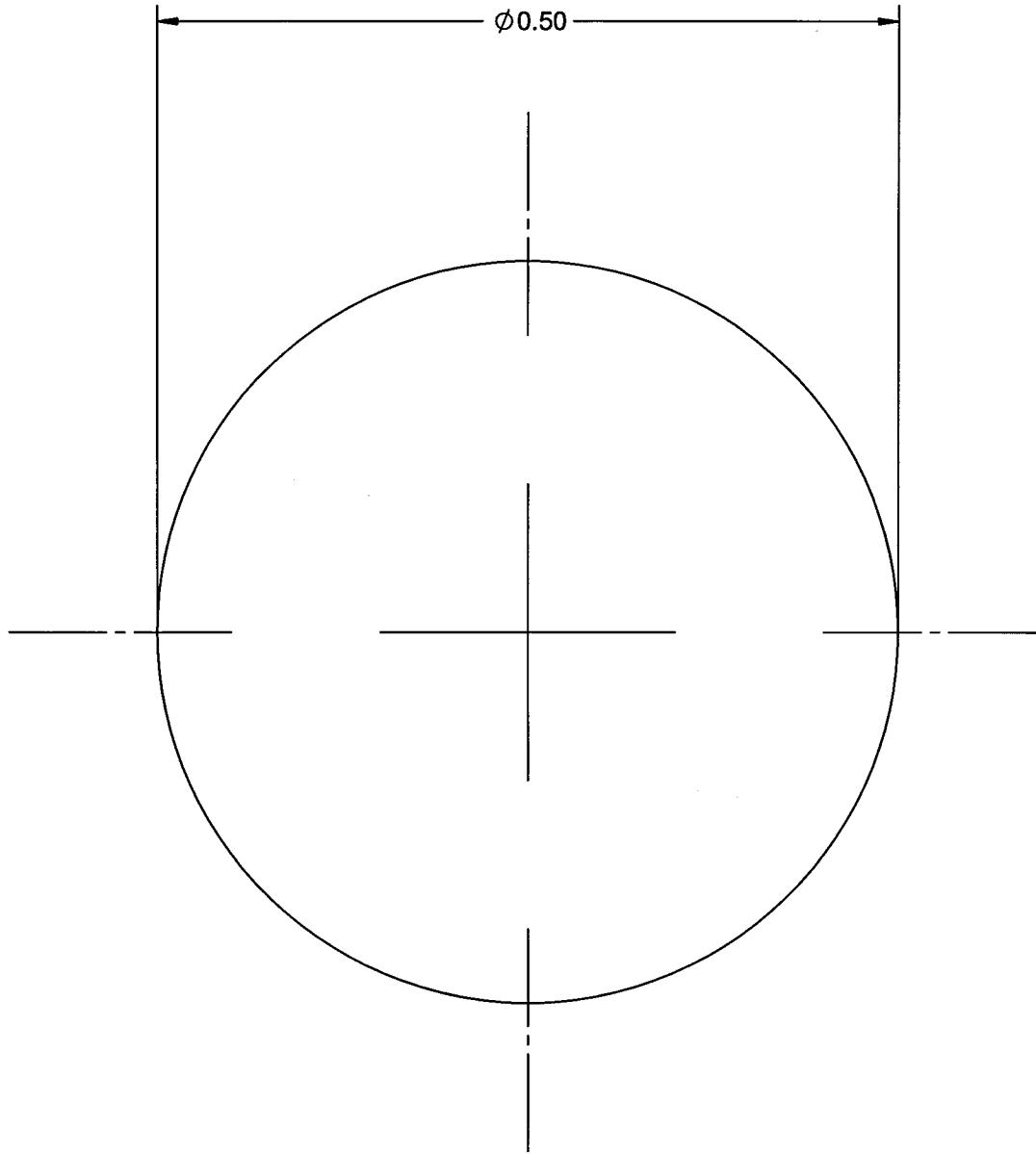
C

B

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A

A



D4000-11 CAP

- NOTES:**
- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.032 THICK PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 REF DART SPEC M6061T6S.032
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: LESS THAN 0.01 lbs

RELEASED
2017-10-06

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DESIGN	HS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	WK	
CHECKED	RF	
MFG. APPR.	DD	
APPROVED	HS	
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